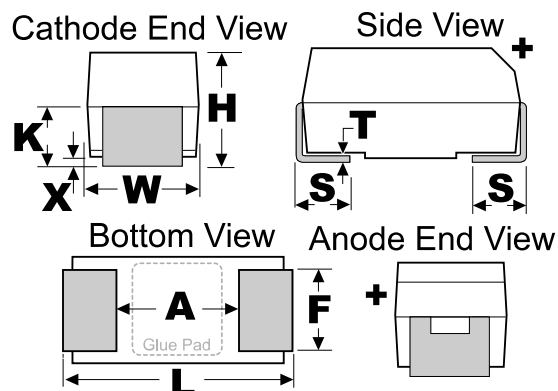


Capacitor, Tantalum, SMD, Polymer, Molded, Low Profile/ESR, Non-Combustible, 330 uF, 6032, +/-20% Tol, 2.5 VDC (105C)



General Information

| | |
|------------------------|--|
| Supplier: | KEMET |
| Application: | Low ESR |
| Sub Application: | (NonCombustibleCathode) |
| Part Type Description: | SMD, Polymer, Molded, Low Profile/ESR, Non-Combustible |
| Construction: | Standard Chip-Polymer |
| Body Type: | SMD Chip |
| Footprint: | 6032 |
| Weight: | 186.68 mg |
| RoHS: | Yes |

Dimensions (mm)

| Symbol | Dimension | Tolerance |
|--------|-----------|-----------|
| L | 6 | +/-0.3 |
| W | 3.2 | +/-0.2 |
| H | 1.8 | +/-0.1 |
| F | 2.2 | +/-0.1 |
| S | 1.3 | +/-0.3 |
| X | 0.05 | REF |
| T | 0.13 | REF |
| A | 2.5 | MIN |

Packaging Specifications

| | |
|-------------------|-------------|
| Package Kind: | T&R |
| Package Size: | 7 in/180 mm |
| Package Quantity: | 1000 |

Specifications

| | |
|-------------------------|-------------------------|
| Capacitance: | 330 uF |
| Tolerance: | +/-20% |
| Voltage: | 2.5 VDC (105C) |
| Temperature Range: | -55/+105C |
| Current/Ripple Current: | 2400 mAmps (100kHz 45C) |
| Current/Ripple Current: | 1680 mAmps (85C) |
| Current/Ripple Current: | 1140 mAmps (105C) |
| Resistance/ESR: | 25 mOhms (100kHz 25C) |
| Failure Rate: | N/A |
| Leakage Current: | 82.5 uA |
| Dissipation Factor: | 8% |